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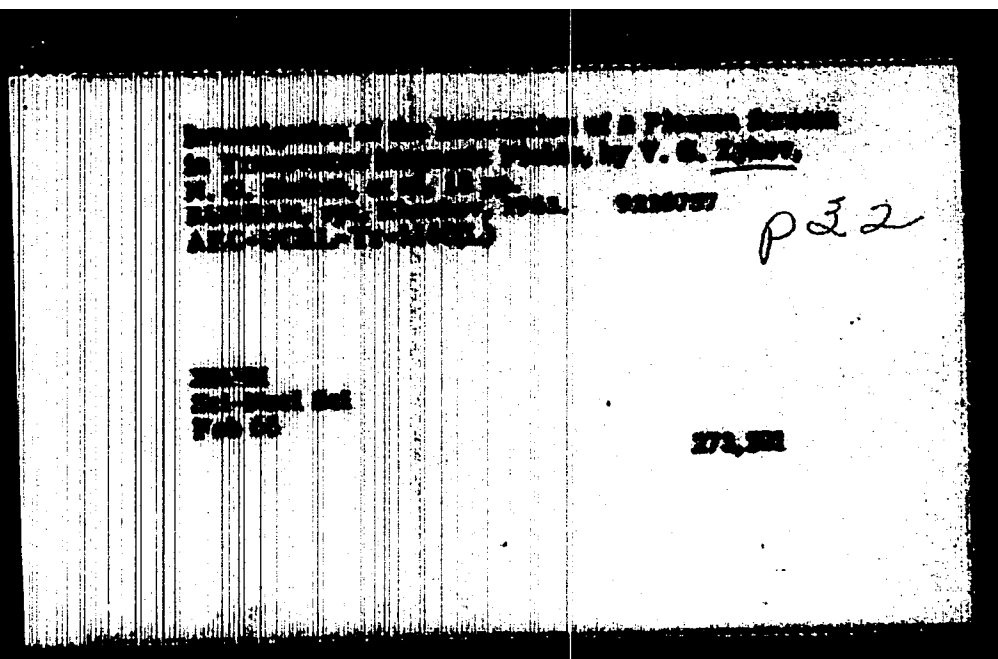
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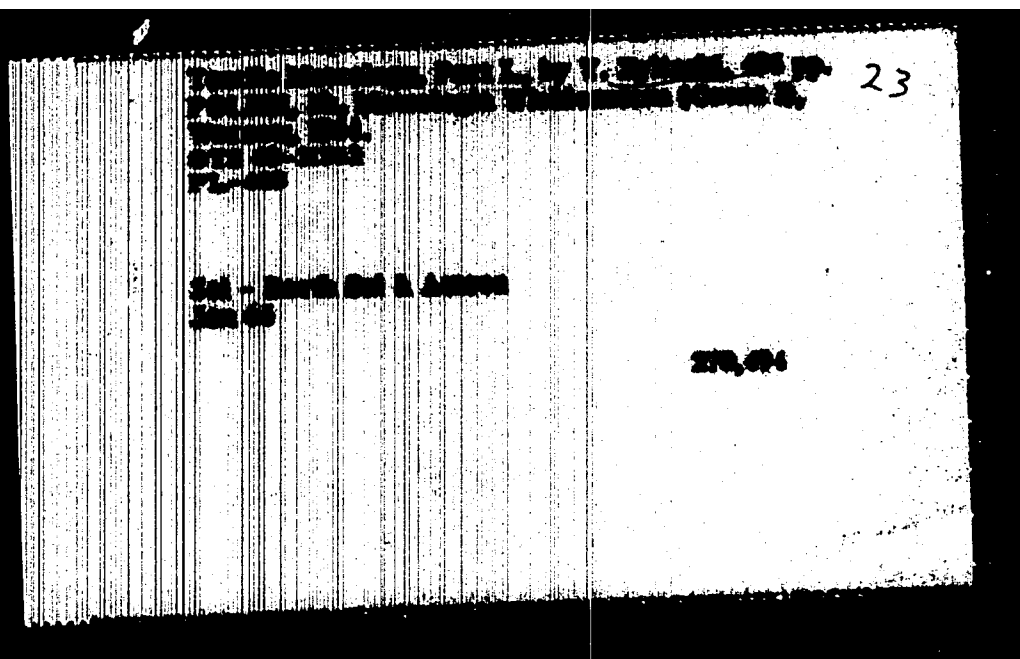
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DESCRIPTORS: Alkaloids, \*Nicotine, Synthesis.

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Trans. of Sen'i Kogyo Shikensho Iho (Japan) 1958,  
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DESCRIPTORS: \*Cellulose acetates, Synthetic fibers,  
Chemical bonds, Processing, Urea derivatives, Chemi-  
cal reactions.

For the purpose of obtaining acetate fibers containing  
uniform bridge bonds, a bridge-forming agent was added  
to the spinning bath and spinning experiments were con-  
ducted. Some tests were also made on the changes in  
the form of the fibers produced in the spinning process  
and into some physical properties of the fibers obtained.  
Tetramethylene bisethylene urea was added, as bridge-  
(Materials--Textiles, TT. v. 6, no. 5) (over)

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1. Title: Spinning
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Trans. of Sen'i Kogyo Shikensho Iho (Japan) 1958,  
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DESCRIPTORS: \*Cellulose acetates. Synthetic fibers,  
 Processing. Chemical bonds. Physical properties,  
 Imides. Chemical reactions.

By adding to the spinning bath for cellulose acetate the  
 acetone-soluble ethylene imine derivative, thionophos-  
 phoric triethylene imide, as bridge-forming agent,  
 spinning, and then heat treating, a uniform bridge-for-  
 mation among the molecules was attained. The fiber  
 showed an increase of about 50% in strength. The  
 strength-elongation curve and the elasticity properties  
 (Materials - Textiles, TT v. 6, no. 5) (over)

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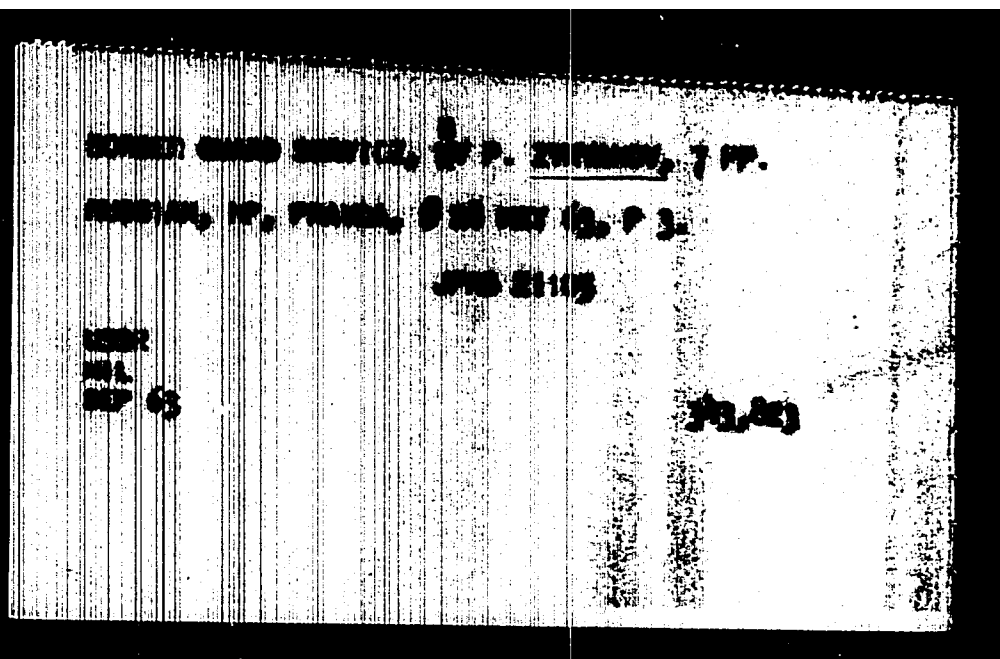
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